

Data File : VU031496.D
Acq On : 25 Apr 2019 10:56
Operator : JC/SP
Sample : K2517-05RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHY6

Quant Time: Apr 26 01:36:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	284138	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	296277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114727	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.68	69	90059	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.27	63	168496	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.20	46	359160	58.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.78%
24) Chloroform-d	4.64	84	200692	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.31	65	115556	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.33	84	385837	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	133822	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.56	98	296944	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.85	79	44324	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	220767	43.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106443	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	102538	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

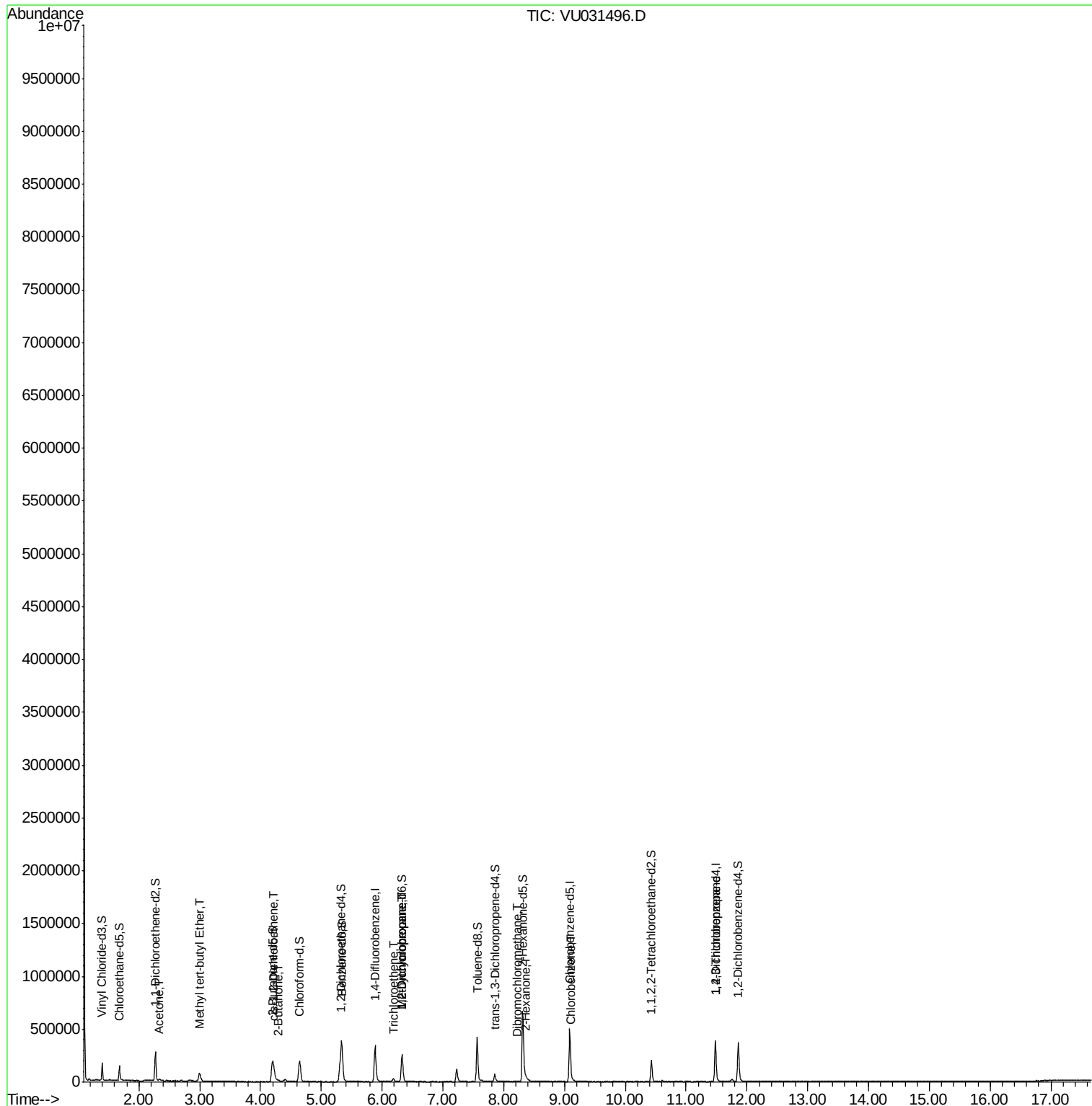
					Qvalue
13) Acetone	2.34	43	15605	3.601 ug/L	96
17) Methyl tert-butyl Ether	3.00	73	73849	1.325 ug/L	98
21) 2-Butanone	4.29	43	7861	1.193 ug/L #	70
22) cis-1,2-Dichloroethene	4.23	96	17721	0.824 ug/L	90
34) Trichloroethene	6.18	95	9503	0.394 ug/L	96
35) Methylcyclohexane	6.33	83	29231	0.819 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	14321	0.584 ug/L #	93
48) 2-Hexanone	8.37	43	22848	1.940 ug/L #	86
49) Dibromochloromethane	8.23	129	1567	0.084 ug/L #	9
51) Chlorobenzene	9.12	112	7282	0.131 ug/L	93
59) 1,2,3-Trichloropropane	11.49	75	13835	0.895 ug/L	92

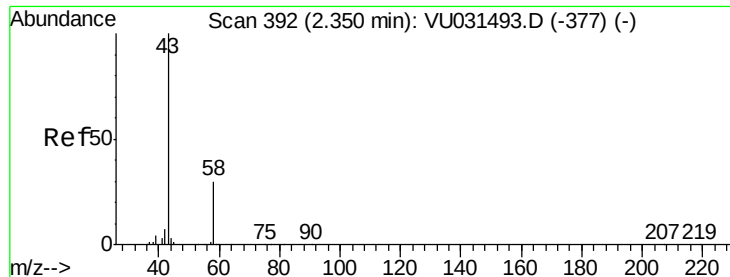
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.601 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.01 min

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Acq: 25 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

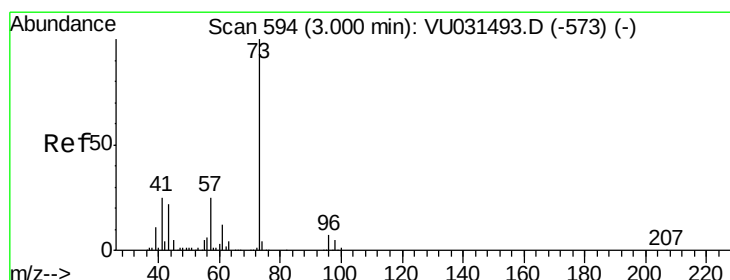
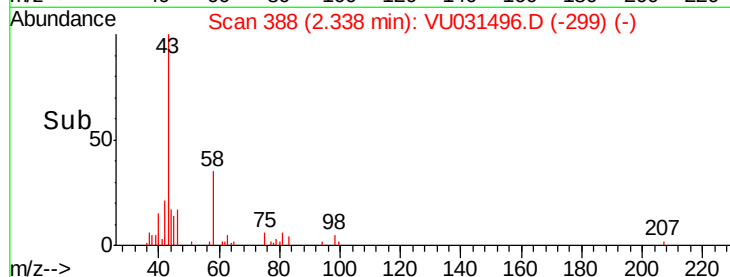
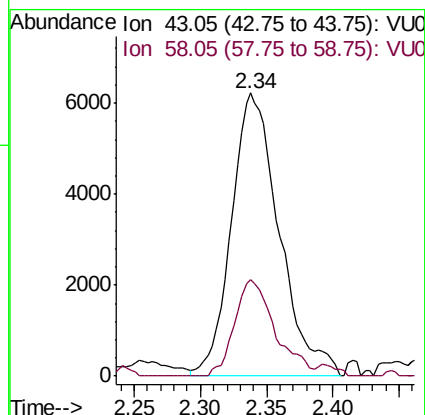
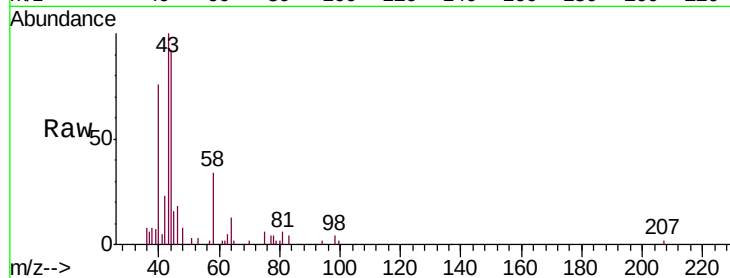
GAHY6

Tgt Ion: 43 Resp: 15605

Ion Ratio Lower Upper

43 100

58 28.9 0.0 62.4



#17

Methyl tert-butyl Ether

Concen: 1.325 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

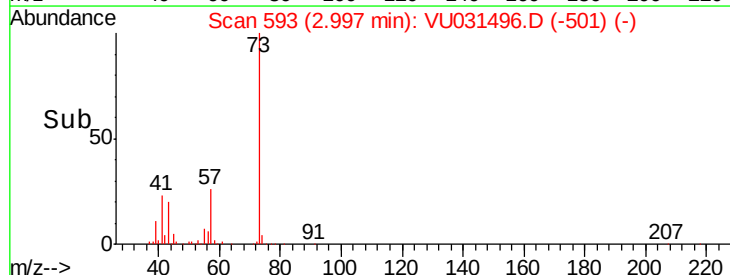
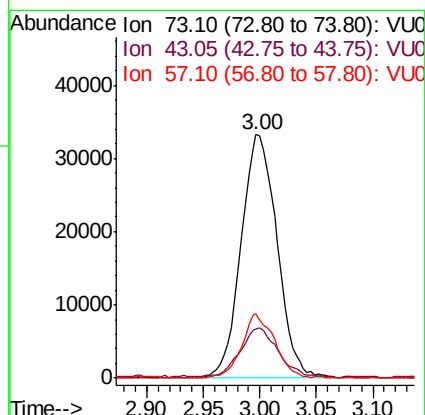
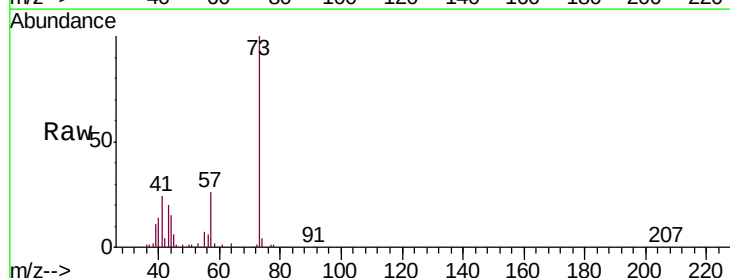
Tgt Ion: 73 Resp: 73849

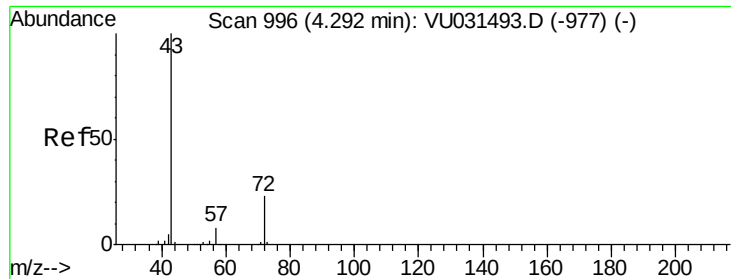
Ion Ratio Lower Upper

73 100

43 20.5 15.4 23.0

57 24.1 19.1 28.7





#21

2-Butanone

Concen: 1.193 ug/L

RT: 4.29 min Scan# 996

Delta R.T. 0.00 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

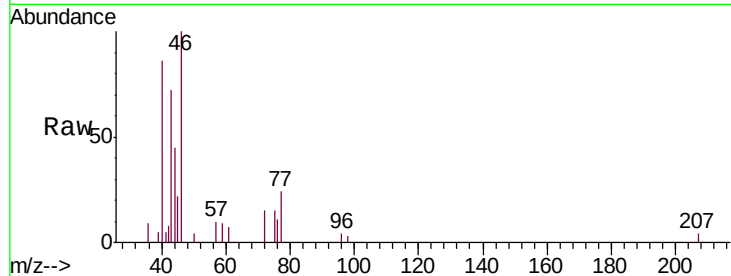
GAHY6

Tgt Ion: 43 Resp: 7861

Ion Ratio Lower Upper

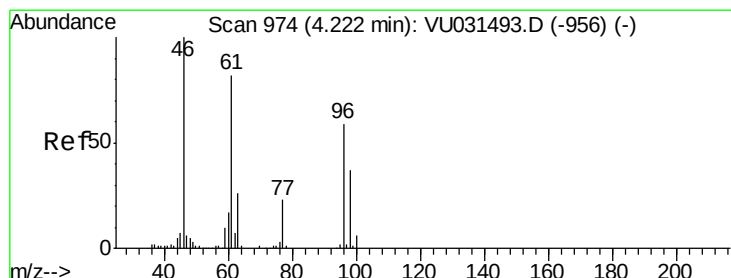
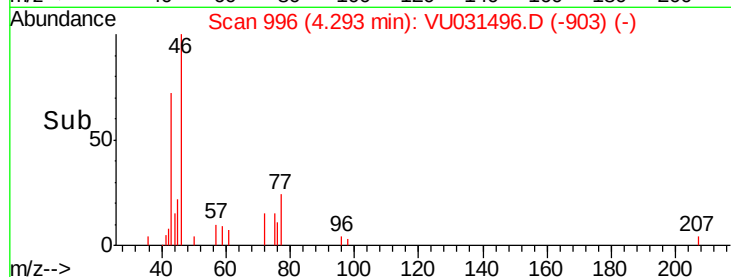
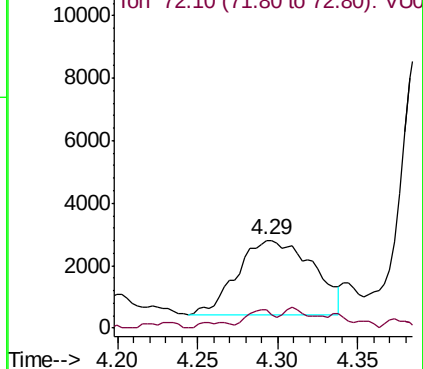
43 100

72 8.6 11.7 35.0#



Abundance Ion 43.05 (42.75 to 43.75): VU031496.D (-903) (-)

Ion 72.10 (71.80 to 72.80): VU031496.D (-903) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.824 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

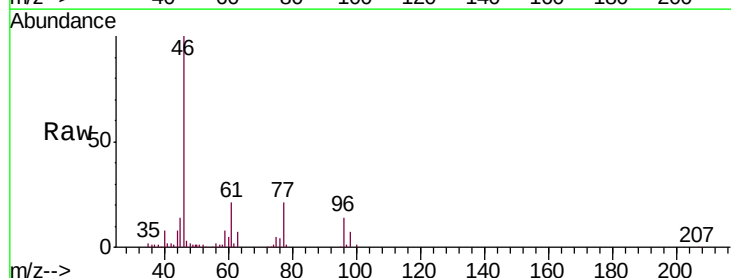
Tgt Ion: 96 Resp: 17721

Ion Ratio Lower Upper

96 100

61 147.8 94.8 176.2

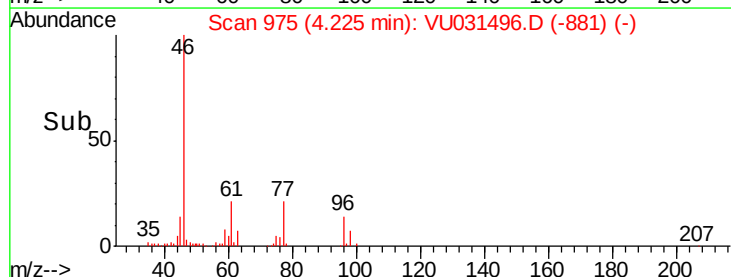
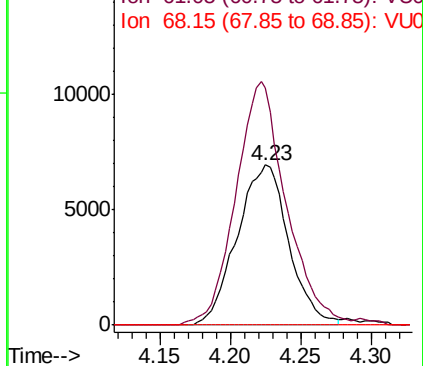
68 0.0 0.0 0.0

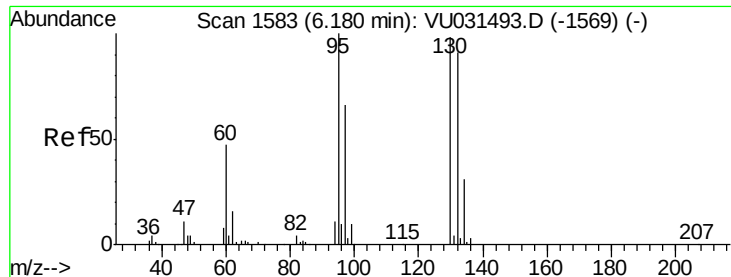


Abundance Ion 96.00 (95.70 to 96.70): VU031496.D (-881) (-)

Ion 61.05 (60.75 to 61.75): VU031496.D (-881) (-)

Ion 68.15 (67.85 to 68.85): VU031496.D (-881) (-)

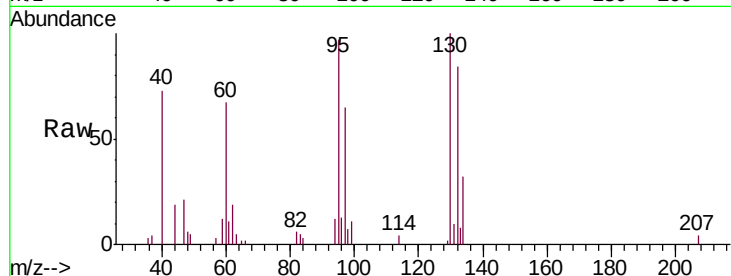




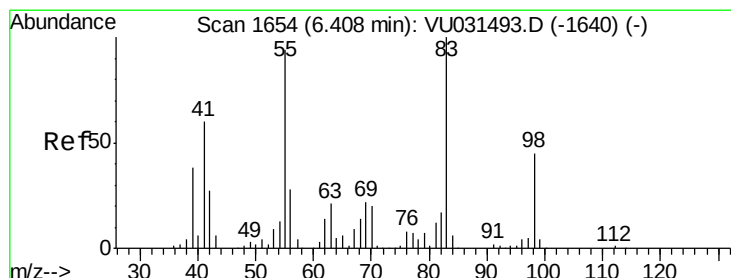
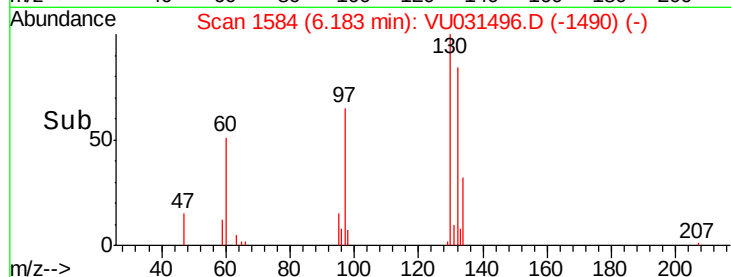
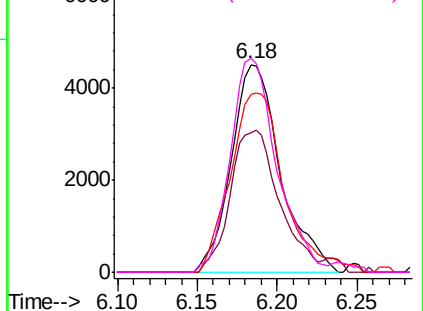
#34
 Trichloroethene
 Concen: 0.394 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031496.D
 Acq: 25 Apr 2019 10:56

Instrument :
 MSVOA_U
 ClientSampleID :
 GAHY6

Tgt Ion:	95	Resp:	9503
Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.3	82.3
132	86.0	59.9	111.3
130	103.0	67.1	124.5

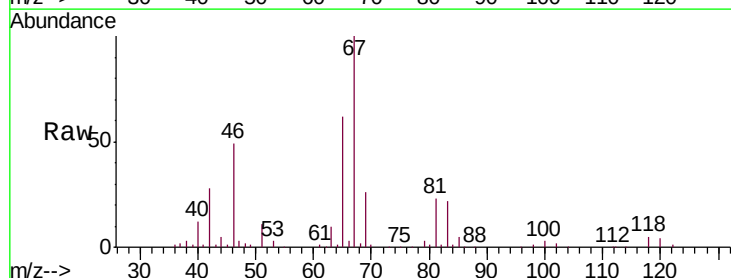


Abundance Ion 95.00 (94.70 to 95.70): VU031493.D (-1569) (-)
 Ion 96.95 (96.65 to 97.65): VU031493.D (-1569) (-)
 Ion 131.95 (131.65 to 132.65): VU031493.D (-1569) (-)
 Ion 129.95 (129.65 to 130.65): VU031493.D (-1569) (-)

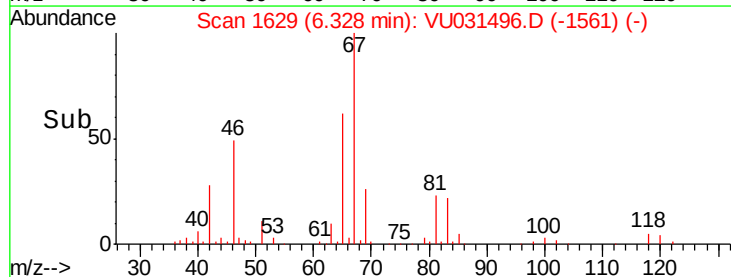
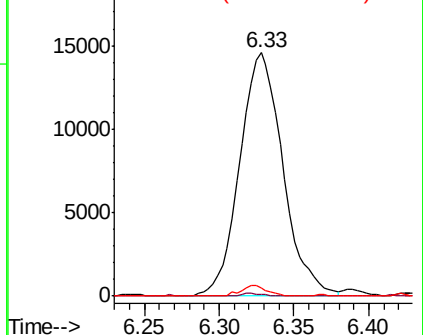


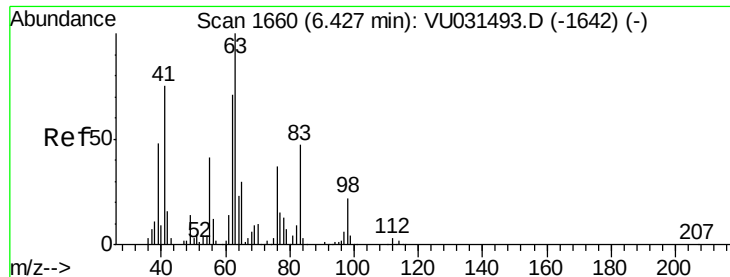
#35
 Methylcyclohexane
 Concen: 0.819 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU031496.D
 Acq: 25 Apr 2019 10:56

Tgt Ion:	83	Resp:	29231
Ion	Ratio	Lower	Upper
83	100		
55	0.6	71.1	106.7#
98	2.6	36.6	54.8#



Abundance Ion 83.15 (82.85 to 83.85): VU031496.D (-1561) (-)
 Ion 55.10 (54.80 to 55.80): VU031496.D (-1561) (-)
 Ion 98.15 (97.85 to 98.85): VU031496.D (-1561) (-)





#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

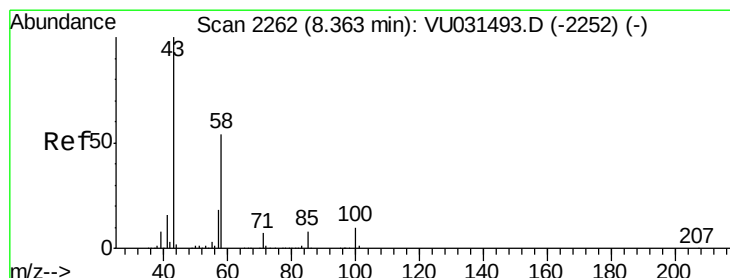
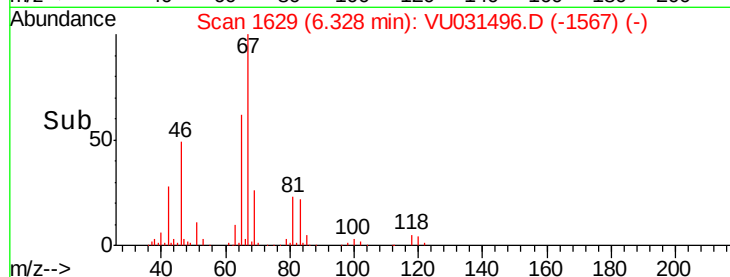
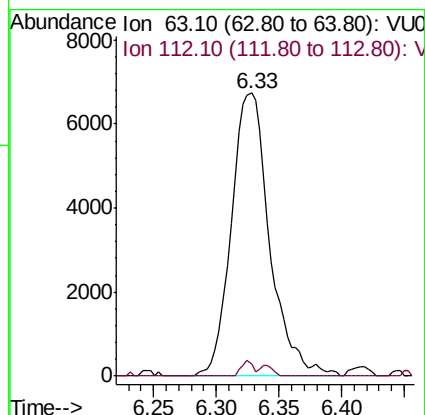
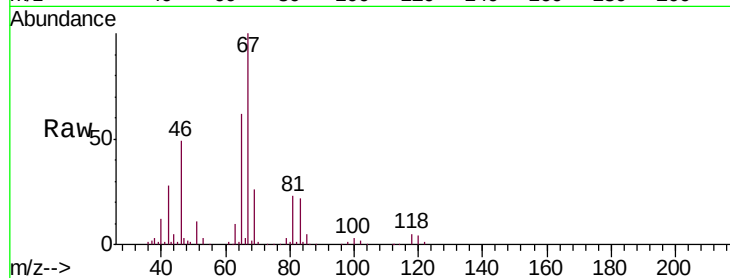
GAHY6

Tgt Ion: 63 Resp: 14321

Ion Ratio Lower Upper

63 100

112 1.6 3.0 4.6#



#48

2-Hexanone

Concen: 1.940 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

Tgt Ion: 43 Resp: 22848

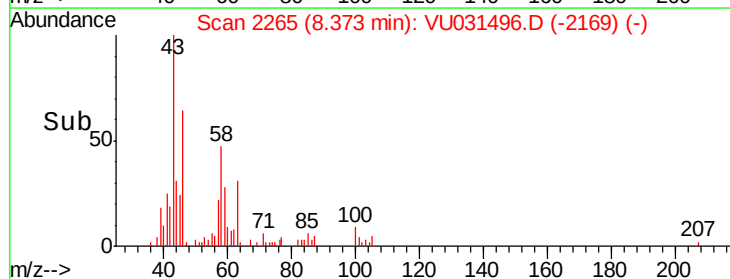
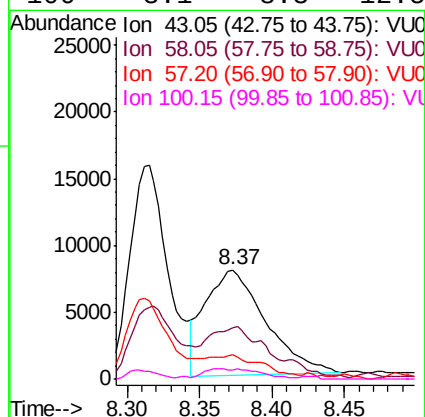
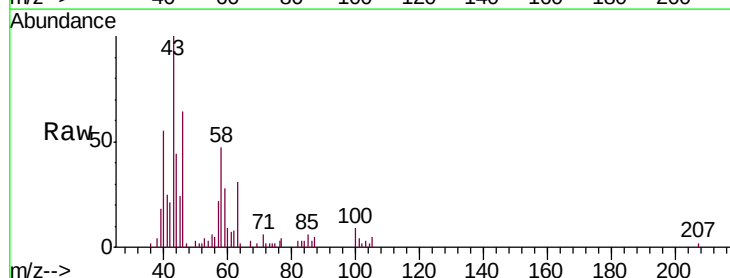
Ion Ratio Lower Upper

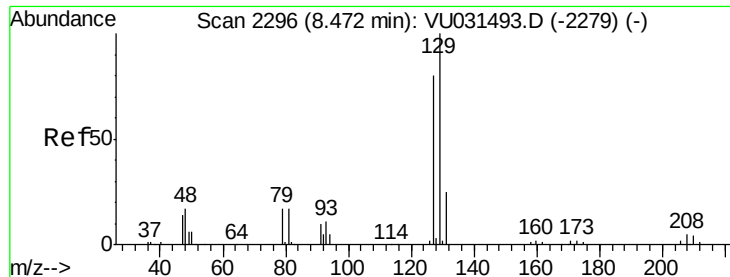
43 100

58 53.5 44.6 67.0

57 0.0 15.3 22.9#

100 3.1 8.3 12.5#





#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. -0.24 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

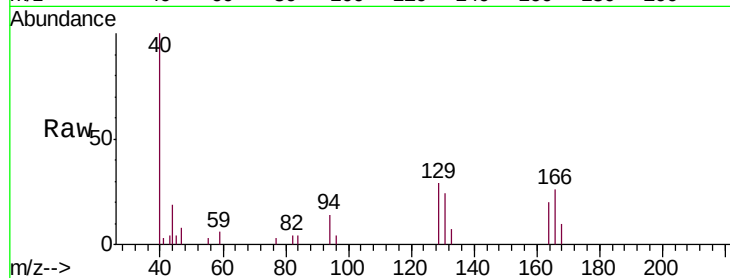
GAHY6

Tgt Ion:129 Resp: 1567

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.23

1000

800

600

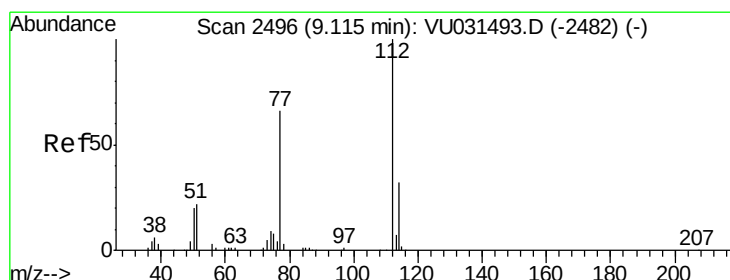
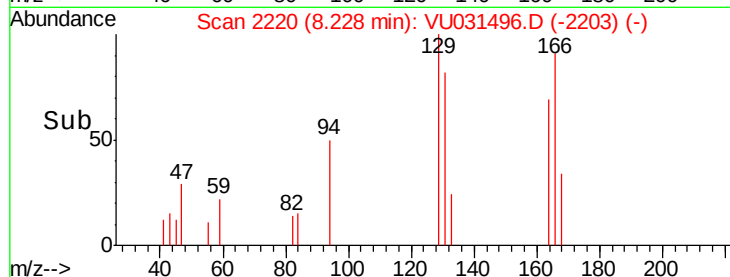
400

200

0

8.20 8.25

Time-->



#51

Chlorobenzene

Concen: 0.131 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

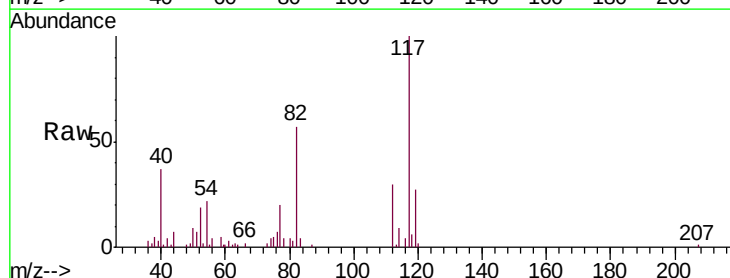
Tgt Ion:112 Resp: 7282

Ion Ratio Lower Upper

112 100

114 29.5 21.9 40.7

77 67.7 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

5000

4000

3000

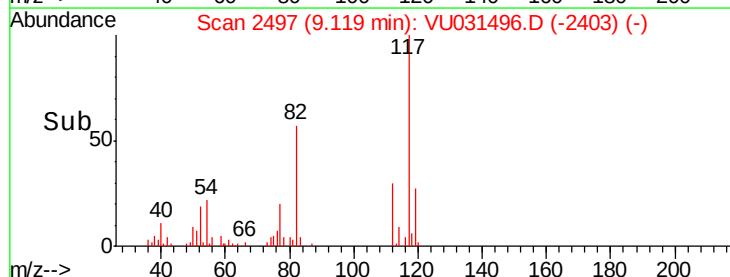
2000

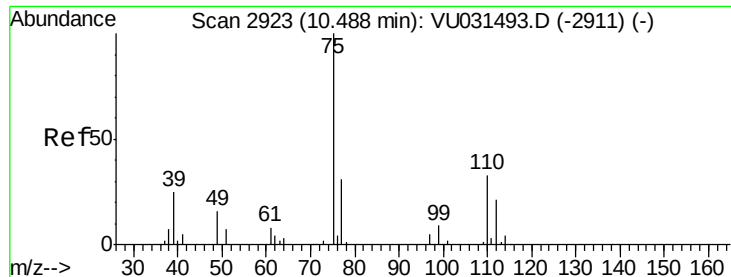
1000

0

9.05 9.10 9.15

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.895 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 1.00 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

GAHY6

Tgt Ion: 75 Resp: 13835

Ion Ratio Lower Upper

75 100

77 36.3 25.7 38.5

